70. (Amended) A method of arranging a flexible sensor array on a subject, wherein said sensor array has a plurality of discrete sensor elements associated therewith and a unitized carrier member holding the sensor array in predetermined alignment, comprising the steps of:

arranging the discrete sensor elements of the array onto the patient while the carrier member holds the sensor elements in predetermined alignment;

securing the sensor elements to the skin of the subject in desired locations; and

subsequently removing the carrier member by peeling the carrier member away from the top surface of the sensor elements, leaving the sensor elements in alignment on the patient.

REMARKS

Attached hereto is a marked-up version of the changes made to the specification by the current amendment.

Applicants respectfully submit that this application is in condition for examination, which action is respectfully requested.

Respectfully submitted,

Julie H. Richardson
Registration No. 40,142

Correspondence Address:

20792
PATENT TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

"Express Mail" mailing label number EL733099449US Date of Deposit: August 30, 2001
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box PCT, Commissioner for Patents, Washington, DC 20231.

Lucille H. Gillette

MARKED UP VERSION TO SHOW CHANGES MADE

70. (Amended) A method of arranging [the] a flexible sensor array [of Claims 1 and 45] on a subject, wherein said sensor array has a plurality of discrete sensor elements associated therewith and a unitized carrier member holding [same] the sensor array in predetermined alignment [onto a patient], comprising the steps of:

arranging the discrete sensor elements of the array onto the patient while the carrier member holds the sensor elements in predetermined alignment;

securing the sensor elements to the skin of the subject in [a] desired locations; and

subsequently removing the carrier member by peeling [same] the carrier member away from the top surface of the sensor elements, leaving the sensor elements in alignment on the patient.